

Create testing class

Project URL= <https://www.ebay.com/>

1. Create 10 testcases for
  - 1.Login
  - 2.Multiple searches using array list or array
  - 3.Add to cart
  - 4.delete from cart
  - 5.Change login name
  6. change current address
  - 7.shop by categories
  - 8.select particular product right click on that product image and find out description of that product.
  - 9.shop by all categories and check whether this function is working fine or not
  10. change the language of your application using setting

```
package Assesement_day9;
```

```
package TestNG_basic;
```

```
import org.testng.annotations.Test;
```

```
import dev.fail-safe.internal.util.Assert;
```

```
import org.testng.annotations.BeforeTest;
```

```
import java.util.ArrayList;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
import org.testng.annotations.AfterTest;

public class Test_ng {
    WebDriver driver;
    private By search;
    private By search_btn;
    private By addToCartBtn;

    @BeforeTest
    public void setup() {
        driver = new ChromeDriver();
        driver.get("https://www.ebay.com/");
        driver.manage().window().maximize();
    }

    @Test(priority = 1)
    public void login() throws InterruptedException
{
```

```
driver.findElement(By.xpath("//*[@id=\"gh\"]/nav/div[1]/span[1]/span/a")).click();
```

```
Thread.sleep(3000);
```

```
//login
```

```
WebElement
```

```
email=driver.findElement(By.id("userid"));
```

```
//email.click();
```

```
email.sendKeys("sanjanapenugonda3@gmail.com");
```

```
driver.findElement(By.id("signin-continue-btn")).click();
```

```
Thread.sleep(2000);
```

```
WebElement
```

```
password=driver.findElement(By.id("pass"));
```

```
password.sendKeys("Sanjana@123");
```

```
driver.findElement(By.id("sgnBt")).click();
```

```
}
```

```
@Test(priority = 2)
```

```
public void multipleSearches() throws
```

```
InterruptedException {
```

```
driver = new ChromeDriver();
```

```
driver.get("https://www.ebay.com/");
```

```

driver.manage().window().maximize();

// search multiple products

String[] searches = {"Watch", " TV", " Shoes"};
for (String search : searches) {
    //driver.findElement(By.id("gh-
ac")).sendKeys(search);
    WebElement
search1=driver.findElement(By.id("gh-ac"));
    search1.clear();
    search1.sendKeys(search);
    search1.sendKeys(Keys.ENTER);
    Thread.sleep(1000);

}
}
@Test(priority = 3)
public void addToCartTest() throws InterruptedException
{
    WebElement searchBox =
driver.findElement(By.id("gh-ac"));
    searchBox.clear();
    searchBox.sendKeys("iPhone 14");
    driver.findElement(By.xpath("//*[@id=\"gh-search-
btn\"]/span")).click();
    Thread.sleep(3000);

    // 2. Select first product

```

```
driver.findElement(By.xpath("//*[@id=\"item2b6e289090\"]/div/div[1]/div/a/div/img")).click();
```

```
    // Switch to product page tab  
    for (String handle : driver.getWindowHandles()) {  
        driver.switchTo().window(handle);  
    }
```

```
    // 3. Click Add to Cart  
    WebElement addToCartBtn =  
driver.findElement(By.xpath("//*[@id=\"atcBtn_btn_1\"]/span/span"));  
    addToCartBtn.click();
```

```
    // Wait for cart page to load  
    Thread.sleep(3000);  
}
```

```
@Test(priority = 4)  
public void deleteFromCartTest() {  
    WebElement removecart =  
driver.findElement(By.xpath("//*[@id=\"mainContent\"]/div[1]/div[6]/ul/li[2]/div[1]/div/div[2]/div[3]/div/div/div[1]/div[2]/div/div/div/div[1]/a/span/span"));  
    removecart.click();  
}
```

```
        WebElement remove =  
driver.findElement(By.cssSelector("button[data-test-  
id=\"cart-remove-item\"]"));  
        remove.click();  
    }
```

```
@Test(priority = 5)  
public void changeLoginName() throws  
InterruptedException {
```

```
    driver.get("https://www.ebay.com/");
```

```
    driver.findElement(By.xpath("//*[@id=\"gh\"]/nav/div[1]/  
span[1]/div/button/span/span")).click();  
        driver.findElement(By.xpath("//*[@id=\"s0-1-4-9-  
3[0]-0-9-dialog\"]/div/div/ul/li[2]/a")).click();  
        // driver.findElement(By.linkText("Account  
settings")).click();  
        driver.findElement(By.linkText("Personal  
Information")).click();
```

```
    driver.findElement(By.xpath("//a[text()='Edit']")).click();  
        driver.findElement(By.id("userid")).clear();
```

```
    driver.findElement(By.id("userid")).sendKeys("Sanjana123  
");
```

```
driver.findElement(By.xpath("//button[text()='Save']")).click();
```

```
        System.out.println("Login name updated");  
    }
```

```
@Test(priority = 7)  
public void shopByCategoriesTest() {  
    try {  
        driver.get("https://www.ebay.com/");
```

```
driver.findElement(By.xpath("//*[@id=\"gh\"]/section/div  
/div/div/button/span")).click();
```

```
driver.findElement(By.linkText("Electronics")).click();  
        System.out.println("Shop by Categories Test:  
Executed");  
    } catch (Exception e) {  
        System.out.println("Shop by Categories Test  
Failed: " + e.getMessage());  
    }  
}
```

```
@Test(priority = 8)  
public void productDescriptionTest() {  
    driver.findElement(By.id("gh-ac")).clear();  
    driver.findElement(By.id("gh-ac")).sendKeys("Smart  
Watch");
```

```

        driver.findElement(By.id("gh-search-btn")).click();

        WebElement productImage =
driver.findElement(By.cssSelector(".s-item__image img"));
        Actions actions = new Actions(driver);
        actions.contextClick(productImage).perform();

        productImage.click();
        System.out.println("Product Description Test
Executed");
    }

```

```

@Test(priority = 9)
public void shopByAllCategoriesTest() {
    try {
        driver.findElement(By.id("gh-cat")).click();
        driver.findElement(By.linkText("See all
categories")).click();
        System.out.println("Shop by All Categories Test:
Executed");
    } catch (Exception e) {
        System.out.println("Shop by All Categories Test
Failed: " + e.getMessage());
    }
}

```

```

@Test(priority = 10)
public void changeLanguageTest() throws
InterruptedException {

```



```

        WebElement country =
driver.findElement(By.cssSelector("button[class=\"gf-
flag__button\"]"));
        country.sendKeys(Keys.ENTER);
        Thread.sleep(2000);
        driver.findElement(By.linkText("Spain")).click();
    }
}

```

```

package TestNG_basic;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import org.testng.annotations.Test;
public class PageClass {
    WebDriver driver;

```

```

        By email=By.id("userid");
        By pass=By.id("pass");
        By cont=By.id("signin-continue-btn");
        By search=By.id("gh-ac");
        By submit=By.id("sgnBt");
        private By search_btn;
        private By addToCartBtn;
        private By removeFromCartbtn;
        private CharSequence clear;

```

```
public PageClass(WebDriver driver)
{
    this.driver=driver;
}
@Test(priority = 1)
public void email_in()
{
    driver.findElement(email).click();
    driver.findElement(email).clear();

    driver.findElement(email).sendKeys("sanjanapenugonda3@gmail.com");
}

public void pass_in()
{
    driver.findElement(pass).click();

    driver.findElement(pass).sendKeys("Sanjana@123");
}

public void con_in()
{
    driver.findElement(cont).click();
}

public void submit_in()
{
```

```
        driver.findElement(submit).click();
    }
```

```
@Test(priority = 2)
public void search_in() throws InterruptedException
{
```

```
    driver.findElement(search).click();
    driver.findElement(search).sendKeys("watch");
```

```
    driver.findElement(search).sendKeys(Keys.ENTER);
    driver.findElement(search).sendKeys(clear);
    Thread.sleep(3000);

}
```

```
@Test(priority = 3)
public void testAddToCart() throws
InterruptedException {
    WebElement searchBox =
driver.findElement(By.id("gh-ac"));
    searchBox.clear();
    searchBox.sendKeys("iPhone 14");
    driver.findElement(By.xpath("//*[@id=\"gh-
search-btn\"]/span")).click();
    Thread.sleep(3000);
```

```
// 2. Select first product
```

```
driver.findElement(By.xpath("//*[@id=\"item29154cb96d\"]/div/div[1]/div/a/div/img")).click();
```

```
        // Switch to product page tab  
        for (String handle :  
driver.getWindowHandles()) {  
            driver.switchTo().window(handle);  
        }
```

```
        // 3. Click Add to Cart  
        WebElement addToCartBtn =  
driver.findElement(By.xpath("//*[@id=\"atcBtn_btn_1\"]/span/span"));  
        addToCartBtn.click();  
        Thread.sleep(3000);  
    }  
    @Test(priority = 4)
```

```
    public void removecart() {  
        WebElement removecart =  
driver.findElement(By.xpath("//*[@id=\"mainContent\"]/div[1]/div[6]/ul/li[2]/div[1]/div/div[2]/div[3]/div/div/div[1]/div[2]/div/div/div/div[1]/a/span/span"));  
        removecart.click();  
        WebElement remove =  
driver.findElement(By.cssSelector("button[data-test-id=\"cart-remove-item\"]"));  
        remove.click();  
    }
```

```
}
```

```
@Test(priority = 5)
```

```
    public void changeloginname() throws  
    InterruptedException {  
        // 3. Navigate to Personal Info  
        driver.findElement(By.linkText("My  
eBay")).click();  
        Thread.sleep(2000);  
  
        driver.findElement(By.linkText("Summary")).click();  
        Thread.sleep(2000);  
  
        // Go to Account Settings -Personal Info  
  
        driver.findElement(By.linkText("Account")).click();  
        Thread.sleep(2000);  
  
        driver.findElement(By.linkText("Personal  
Information")).click();  
        Thread.sleep(3000);  
  
        // 4. Click edit on Name
```

```
driver.findElement(By.xpath("//a[contains(text(),'Edit')
and contains(@href,'name')]")).click();
```

```
Thread.sleep(2000);
```

```
// 5. Change name
```

```
WebElement firstName =
driver.findElement(By.id("firstname"));
firstName.clear();
firstName.sendKeys("Sanju");
```

```
WebElement lastName =
driver.findElement(By.id("lastname"));
lastName.clear();
lastName.sendKeys("Penugonda");
```

```
driver.findElement(By.id("saveBtn")).click();
Thread.sleep(3000);
```

```
}
```

```
@Test(priority = 6)
```

```
public void shopByCategoriesTest() throws
InterruptedException {
```

```
try {
```

```
driver.get("https://www.ebay.com/");
```

```
driver.findElement(By.xpath("//*[@id=\"gh\"]/section/div
/div/div/button/span")).click();
```

```

driver.findElement(By.linkText("Electronics")).click();
        System.out.println("Shop by Categories
Test: Executed");
    } catch (Exception e) {
        System.out.println("Shop by Categories
Test Failed: " + e.getMessage());
    }
}

@Test(priority = 7)
public void shopByAllCategoriesTest() {
    try {
        driver.findElement(By.id("gh-cat")).click();
        driver.findElement(By.linkText("See all
categories")).click();
        System.out.println("Shop by All Categories Test:
Executed");
    } catch (Exception e) {
        System.out.println("Shop by All Categories Test
Failed: " + e.getMessage());
    }
}

@Test(priority = 8)
public void productDescriptionTest() throws
InterruptedException {
    // Search for product
    driver.findElement(By.id("gh-
ac")).sendKeys("headphones");

```

```

        driver.findElement(By.xpath("//*[@id=\"gh-search-
btn\"]/span")).click();
        Thread.sleep(3000);

        // first image
        WebElement productImage =
driver.findElement(By.cssSelector(".s-item img"));

        // Perform Right-Click
        Actions actions = new Actions(driver);
        actions.contextClick(productImage).perform();
        Thread.sleep(2000);

        System.out.println("Right-click performed on
product image ");
    }
    @Test(priority = 9)
    public void languageChnage() throws
InterruptedException {
        WebElement country =
driver.findElement(By.cssSelector("button[class=\"gf-
flag__button\"]"));
        country.sendKeys(Keys.ENTER);
        Thread.sleep(2000);
        driver.findElement(By.linkText("Spain")).click();

    }
}

```



